

Materials List for:

Derivation of hematopoietic stem cells from murine embryonic stem cells

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URL: <http://www.jove.com/video/586>

DOI: [doi:10.3791/586](https://doi.org/10.3791/586)

Materials

Name	Type	Company	Catalog Number	Comments
C57Bl/6 Rag-2/gamma-c deficient mice	Animal	Taconic Farm		
Plate shaker	Tool	VWR international	33998-360	Orbital Shaker by Ikaworks
Multi-channel pipettor	Tool	VWR international	15000-174	ePet by BioHit
ES trypsin	Reagent	Invitrogen	15090-046	0.25% Trypsin in PBS
Standard trypsin	Reagent	Invitrogen	25300-062	0.05% Trypsin-EDTA
PBS	Buffer	Invitrogen	20012-027	
Enzyme-free dissociation buffer	Buffer	Invitrogen	13151-014	
Dissociation Enzyme Mix	medium			Please view recipe on attached protocol.doc
DMEM		Invitrogen	10-017CV	
Protamine sulfate	Reagent	Sigma-Aldrich	P3369	8 ug/mL
EB differentiation media	medium			Please view recipe on attached Protocol.doc
10% IMDM	medium			Please view recipe on attached Protocol.doc
10% IMDM+cytokines	medium			Please view recipe on attached Protocol.doc
20% alpha-MEM	medium			Please view recipe on attached Protocol.doc